

# Pressure Wastewater Code Amendment

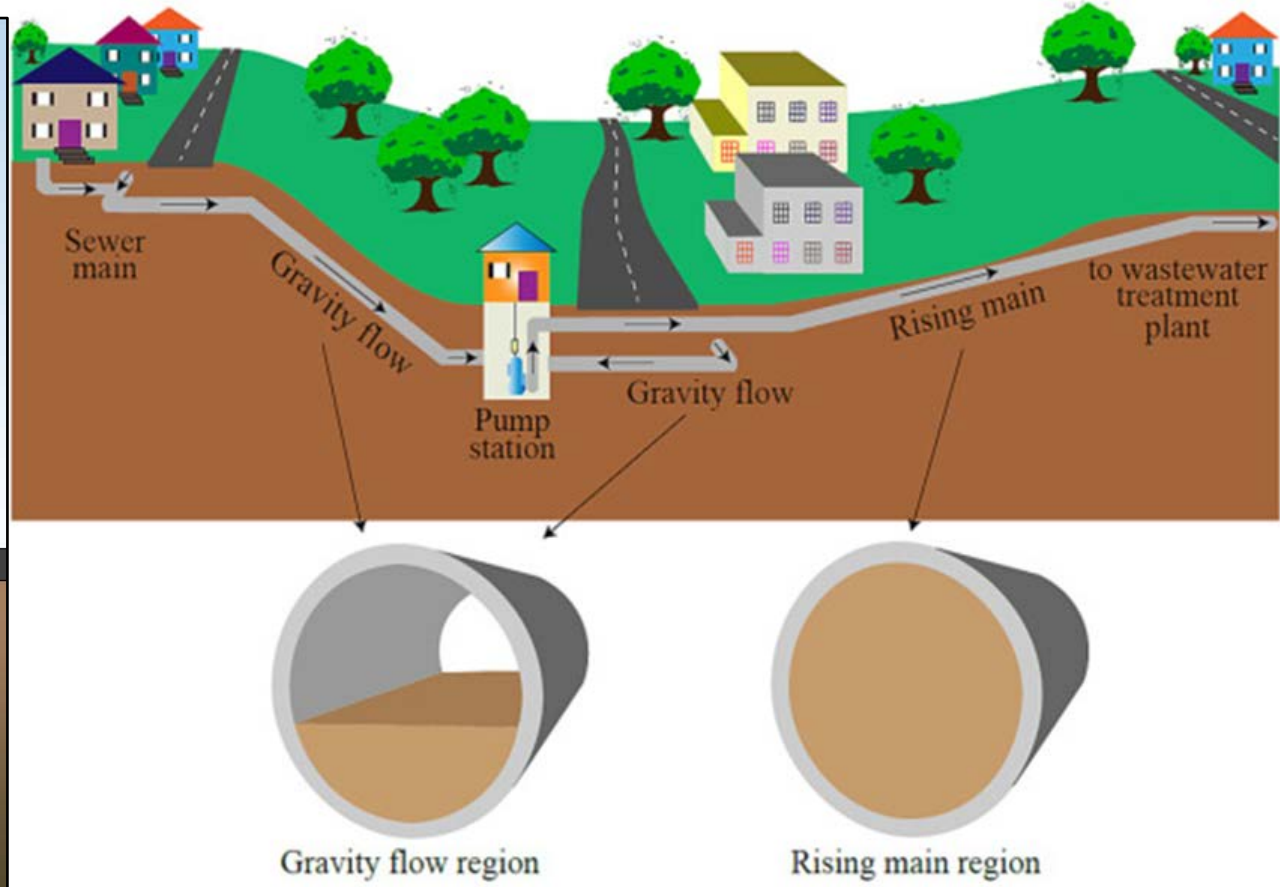
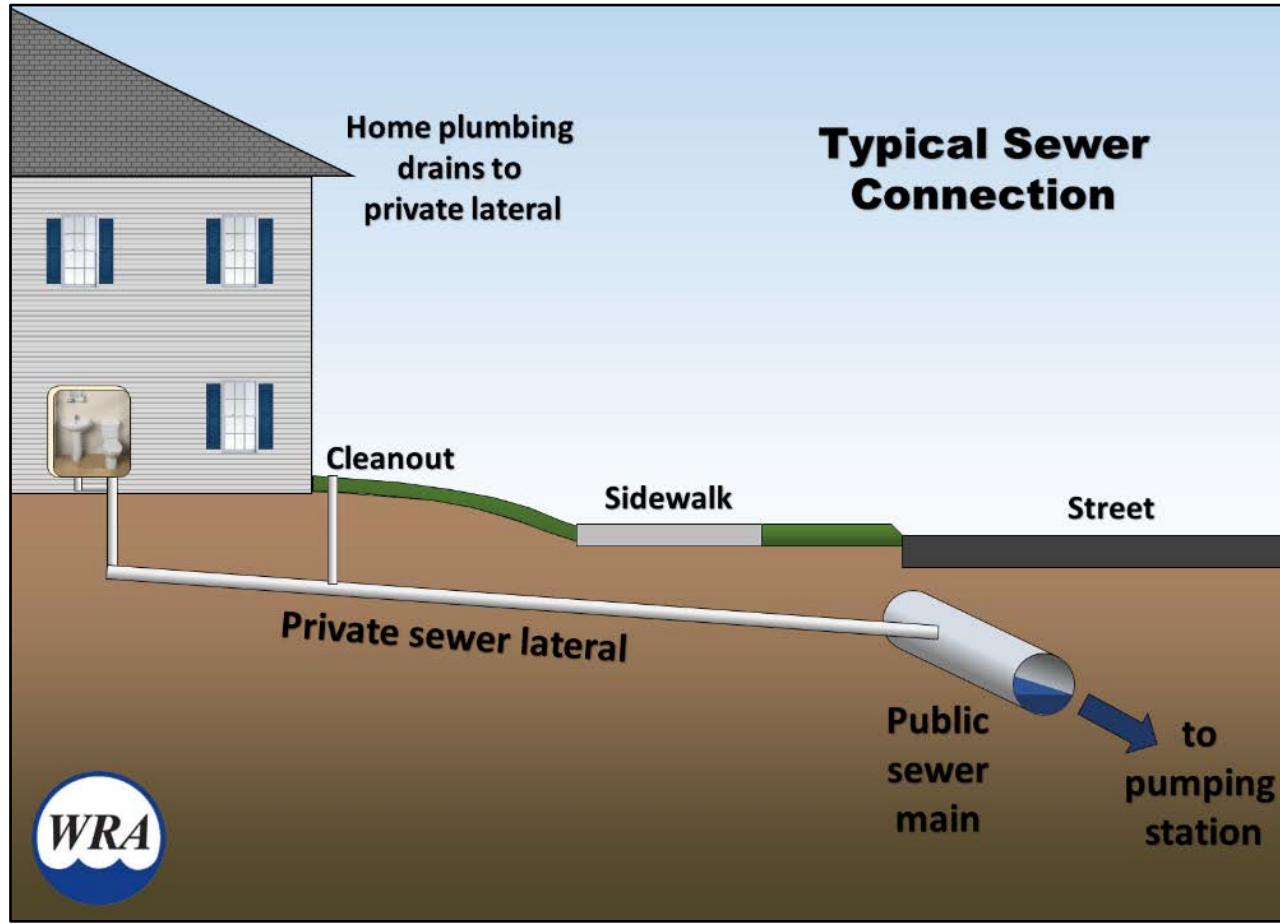
Jackson Salazar, Project Manager

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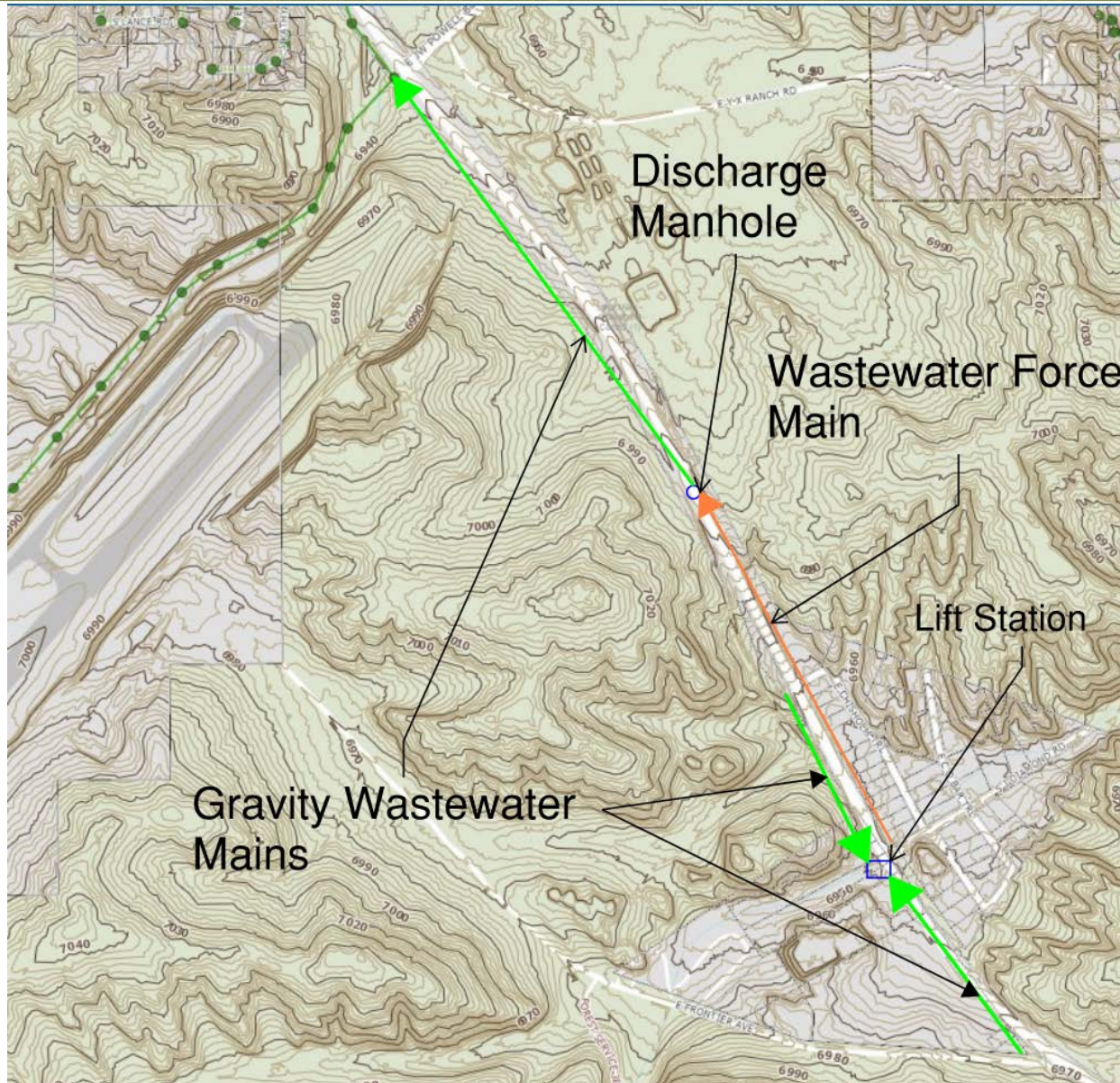


# How It Works





# How It Works





# Research



- NCS Engineers completed survey of cities including 4 in Arizona
  - Prescott
  - Show Low City
  - Lake Havasu
  - Payson
- Met with City of Prescott wastewater superintendent and toured lift stations sites





# History of Pressure wastewater

- Public pressure wastewater systems historically prohibited
  - a. Projects that required pressurized wastewater handled on a case by case basis
  - b. City currently owns one large lift station at Rio de Flag Plant and one low pressure system
  - c. Other existing private systems within Flagstaff



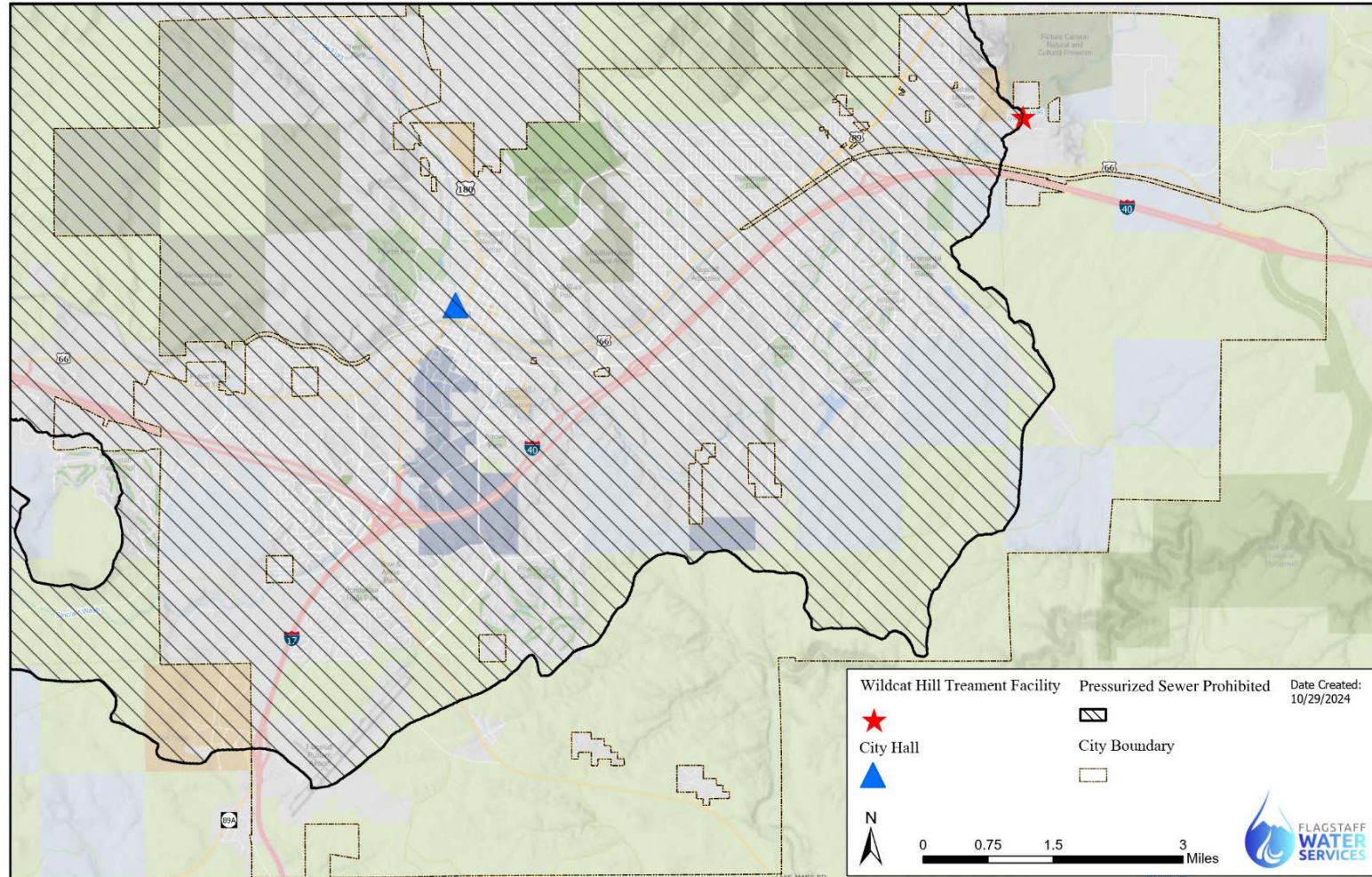
# Proposed Code Amendment

- Allow pressure wastewater outside of gravity wastewater shed
- Gravity system to regional lift station, back to gravity at boundary of gravity wastewater shed
- Sets minimum standards and specifications for lift stations and force mains



# Proposed Code Amendment

Figure 13-09-002-02 Gravity wastewater Shed of Wildcat Hill Wastewater Treatment Plant





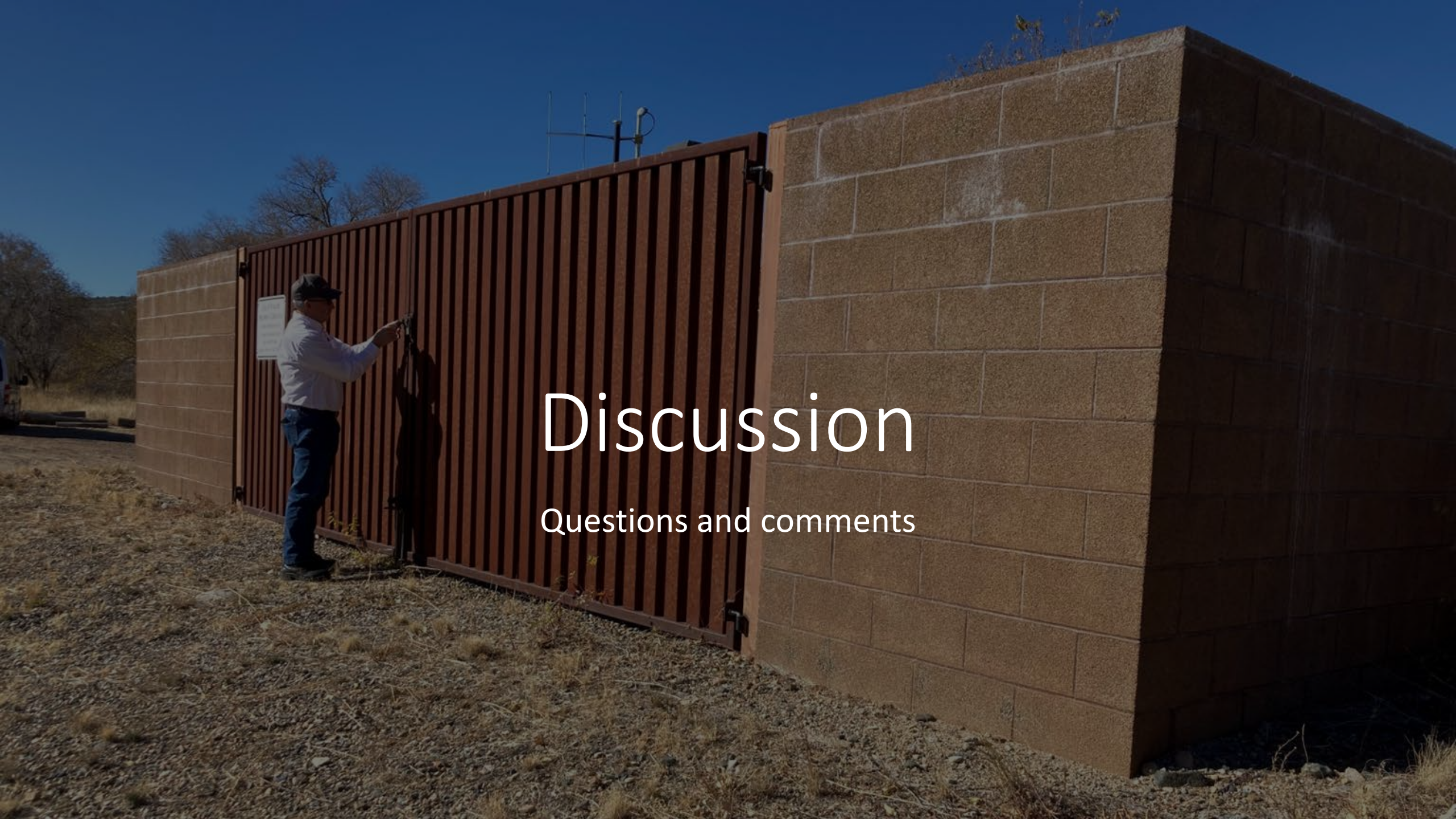
# Conclusion

- Code amendment allows for public ownership of pressurized wastewater lines within city limits
- New lift stations and force mains will be required to be built per City of Flagstaff Engineering Standards
- Allows for choice between public and private



# Next Steps

- Council first read 2/18
- Council second read 3/4



# Discussion

Questions and comments